



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### CTSG (Human) Recombinant Protein (P01)

**Catalog Number:** H00001511-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CTSG full-length ORF (AAH14460.1, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MQPLLLLLAFLLPTGAEAGEIIGGRESRPHSRPYMAYL  
QIQSPAGQSRCGGFLVREDFVLTAAHCWGSNINVTLG  
AHNIQRRENTQQHITARRAIRHPQYNQRTIQNDIMLLQ  
LSRRVRRNRNVNPVALPRAQEGLRPGTLCTVAGWGR  
VSMRRGDTLREVQLRVQRDRQCLRIFGSYDPRRQIC  
VGDRRERKAAAFKGDGGPLLNNVAHGIVSYGKSSG  
VPPEVFTRVSSFLPWIRTTMRSFKLLDQMETPL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 53.79

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1511

**Gene Symbol:** CTSG

**Gene Alias:** CG, MGC23078

**Gene Summary:** The protein encoded by this gene, a

member of the peptidase S1 protein family, is found in azurophil granules of neutrophilic polymorphonuclear leukocytes. The encoded protease has a specificity similar to that of chymotrypsin C, and may participate in the killing and digestion of engulfed pathogens, and in connective tissue remodeling at sites of inflammation. Transcript variants utilizing alternative polyadenylation signals exist for this gene. [provided by RefSeq]